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(57) Abstract:

PROBLEM TO BE SOLVED: To provide an oscillator oscillating precisely in spite of being cheap and easy to set a temperature characteristic.

SOLUTION: A thermistor 1 measures environmental temperature and a temperature correcting means 2 corrects measuring error depending on the temperature of the thermistor 1. Next, a frequency correcting means 3 mathematically predicts the temperature characteristic curve of VCXO 4 by corrected temperature data and a previously set parameter and outputs a signal to correct it through AFC 31, and VCXO 4 fine-adjusts an oscillation frequency according to the signal in this oscillator.

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